

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-15. (Canceled)

16. (Previously Presented) A dialyzing apparatus comprising:

a dialyzer which removes water from blood of a patient at a water-remove rate;  
an arteriosclerosis-related-information obtaining device which obtains arteriosclerosis-related information that is related to a degree of arteriosclerosis of the patient;

a target-water-remove-rate determining means which determines a target water-remove-rate range based on the arteriosclerosis-related information of the patient and a standard body weight and an actual body weight of the patient; and

a water-remove-rate display device which displays the determined target water-remove rate range;

wherein the arteriosclerosis-related-information obtaining device comprises a pulse-wave-propagation-velocity measuring device which measures, as the arteriosclerosis-related-information, a pulse-wave propagation velocity at which a pulse wave propagates through an artery of the patient,

wherein the target-water-remove-rate determining means determines, in a two-dimensional coordinate system which is defined by a first axis indicative of pulse-wave propagation velocity and a second axis indicative of water-remove rate, the target water-remove-rate range based on the measured pulse-wave propagation velocity according to a pre-determined relationship between pulse-wave propagation and water-remove-rate range,

and wherein the water-remove rate of the dialyzer is set by an operator to a desired value in view of the target water-remove-rate range displayed by the water-remove-rate display device.

17. (Previously Presented) A dialyzing apparatus comprising:

a dialyzer which removes water from blood of a patient at a water-remove rate;

an arteriosclerosis-related-information obtaining device which obtains arteriosclerosis-related information that is related to a degree of arteriosclerosis of the patient;

a target-water-remove-rate determining means for determining the target value of the water-remove rate based on the arteriosclerosis-related information obtained by the arteriosclerosis-related-information obtaining device; and

a water-remove-rate display device which displays the target value of the water-remove rate determined by the target-water-remove-rate determining means;

wherein the arteriosclerosis-related-information obtaining device comprises a pulse-wave-propagation-velocity-related-information obtaining device which obtains, as the arteriosclerosis-related-information, pulse-wave-propagation-velocity-related information that is related to a velocity at which a pulse wave propagates through an artery of the patient,

wherein the target-water-remove-rate determining means determines a lower target water-remove rate corresponding to a higher pulse-wave propagation velocity obtained by the pulse-wave-propagation-velocity-related-information obtaining device,

and wherein the water-remove rate of the dialyzer is set by an operator to a desired value in view of the target value of the water-remove rate displayed by the water-remove-rate display device.

18. (Previously Presented) A dialyzing apparatus comprising:

a dialyzer which removes water from blood of a patient at a pre-set water-remove rate;

an arteriosclerosis-related-information obtaining device which obtains arteriosclerosis-related information that is related to a degree of arteriosclerosis of the patient;

a target-water-remove-rate determining means for determining a target water-remove-rate range based on the arteriosclerosis-related information of the patient and a standard body weight and an actual body weight of the patient, and wherein the water-remove-rate changing means changes the pre-set water-remove rate to a value falling within the determined target water-remove-rate range; and

a dialyzer control device which operates the dialyzer at the water-remove rate established by the water-remove-rate changing means;

wherein the arteriosclerosis-related-information obtaining device comprises a pulse-wave-propagation-velocity measuring device which measures, as the arteriosclerosis-related-information, a pulse-wave propagation velocity at which a pulse wave propagates through an artery of the patient, and wherein the target-water-remove-rate determining means determines, in a two-dimensional coordinate system which is defined by a first axis indicative of pulse-wave propagation velocity and a second axis indicative of water-remove rate, the target water-remove rate range based on the measured pulse-wave propagation velocity according to a pre-determined relationship between pulse-wave propagation and water-remove-rate range.

19. (Previously Presented) A dialyzing apparatus comprising:

a dialyzer which removes water from blood of a patient at a pre-set water-remove rate;

an arteriosclerosis-related-information obtaining device which obtains arteriosclerosis-related information that is related to a degree of arteriosclerosis of the patient;

a target-water-remove-rate determining means for determining the target water-remove rate based on the arteriosclerosis-related information obtained by the arteriosclerosis-related-information obtaining device;

a water-remove-rate changing means for changing the pre-set water-remove rate to the target water-remove rate determined by the target-water-remove-rate determining means; and

a dialyzer control device which operates the dialyzer at the water-remove rate established by the water-remove-rate changing means;

wherein the arteriosclerosis-related-information obtaining device comprises a pulse-wave-propagation-velocity-related-information obtaining device which obtains, as the arteriosclerosis-related-information, pulse-wave-propagation-velocity-related information that is related to a pulse-wave propagation velocity at which a pulse wave propagates through an artery of the patient,

and wherein the target-water-remove-rate determining means determines a lower target water-remove rate corresponding to a higher pulse-wave propagation velocity obtained by the pulse-wave-propagation -velocity-related-information obtaining device.